

Barb O'Brien

Access DB# 77535

SEARCH REQUEST FORM

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Scientific and Technical Information Center

OCT -9 2001

Requester's Full Name: Rebecca Dwek Examiner #: ME Date: 10/3/02
Art Unit: 1614 Phone Number 30 _____ Serial Number: 101031767

Mail Box and Bldg/Room Location: 601 Results Format Preferred (circle): PAPER DISK E-MAIL

DD01

If more than one search is submitted, please prioritize searches in order of need.

ME

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention:

Inventors (please provide full names): Mary Jacob Raymond Dwek

Earliest Priority Filing Date: 7/26/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search the following compounds of claims
for my user to treat Gaucher disease
and/or derivatives of Compounds of claims.
It's

Thanks
Rebecca

Point of Contact:
Barb O'Brien
Technical Information Specialist
STIC CM1 6A05 308-4291

STAFF USE ONLY

Searcher: Bob

Type of Search

Vendors and cost where applicable

Searcher Phone #:

NA Sequence (#)

STN

390

Searcher Location:

AA Sequence (#)

Dialog

Date Searcher Picked Up:

Structure (#)

Questel/Orbit

Date Completed: 10-15-02

Bibliographic

Dr. Link

Searcher Prep & Review Time: 40

Litigation

Lexis/Nexis

Clerical Prep Time:

Fulltext

Sequence Systems

Online Time: 65

Patent Family

WWW/Internet

Other

Other (specify)

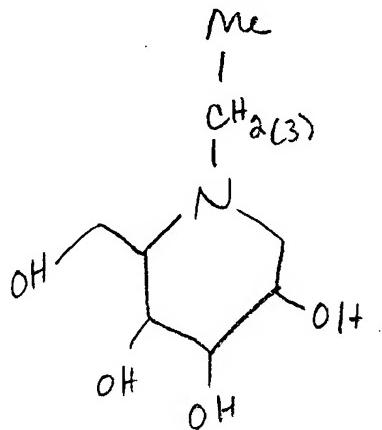
WO 01/07078

-17-

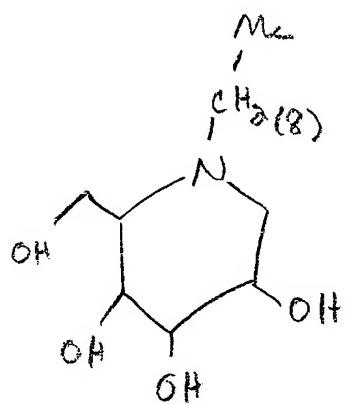
CLAIMS

WHAT IS CLAIMED IS:

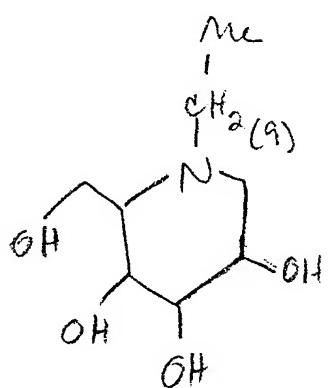
1. The method of treating a patient affected with a glycolipid storage disease comprising administering to said patient both a N-alkyl derivative of deoxynojirimycin having from about two to about twenty carbon atoms in the alkyl chain and a glucocerebrosidase enzyme in an amount effective for alleviating or inhibiting said glycolipid storage disease.
2. The method of Claim 1 in which the N-alkyl derivative of deoxynojirimycin contains four to six carbon atoms in the alkyl chain.
3. The method of Claim 2 in which the N-alkyl derivative of deoxynojirimycin is N-butyl-DNJ.
4
4. The method of Claim 1 in which the N-alkyl derivative of deoxynojirimycin is N-nonyl-DNJ or N-decyl-DNJ.
9
10
5. The method of Claim 4 in which the N-alkyl derivative of deoxynojirimycin is N-nonyl-DNJ.
6. The method of Claim 1 in which the glycolipid storage disease is Gaucher's disease.
7. The method of Claim 3 in which the glycolipid storage disease is Gaucher's disease.
8. The method of Claim 5 in which the glycolipid storage disease is Gaucher's disease.



N-butyl-DNJ



N-nonyl-DNJ



N-decyl-DNJ

Subject: please search

PCT us 01/45064

please search for seq id no 1 positions 4180-4250 with a "T" at position 4233

please search for seq id no 1 positions 18274-2100 with an "A" at position 19772 and a "T" at position 20782.

please search for seq id no 1, positions 25500-32931 with a "C" at position 25976, a "G" at position 26363, and a G at poistion 32397.

please return results on disk.

THANKS.

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